



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Alan J. Katz  
Serial No.: 07/810,005  
Filed: December 18, 1991  
Group No.: 3662  
Examiner: Bernarr E. Gregory  
Notice of Allowance Mailed: October 18, 2004  
Confirmation No.: 2632  
Title: GENERALIZED HEBBIAN LEARNING FOR PRINCIPAL  
COMPONENT ANALYSIS AND AUTOMATIC TARGET  
RECOGNITION, SYSTEMS AND METHOD

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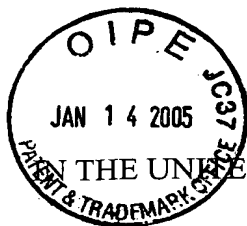
Dear Sir:

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the attached Issue Fee Transmittal (PTOL-85) (one (1) page), Formal Drawings (seven (7) sheets), Formal Drawings Transmittal (one (1) page) and Response to Reasons for Allowance (one (1) page) are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on this 14<sup>th</sup> day of January 2005 addressed to Mail Stop ISSUE FEE, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Willie Jiles  
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ATTENTION: OFFICIAL DRAFTSMAN

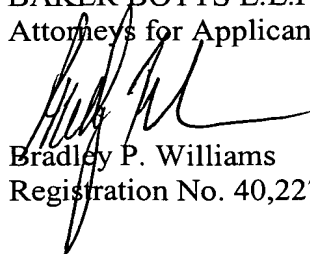
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Dear Sir:

**TRANSMITTAL OF FORMAL DRAWINGS**

Pursuant to the Notice of Allowability mailed October 18, 2004, transmitted herewith for filing in the above-identified patent application are seven (7) sheets of formal drawings.

Respectfully submitted,  
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